

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000344.D
 Acq On : 20 Sep 2019 09:52
 Operator : HP/JU
 Sample : PB123227BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 20 15:35:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

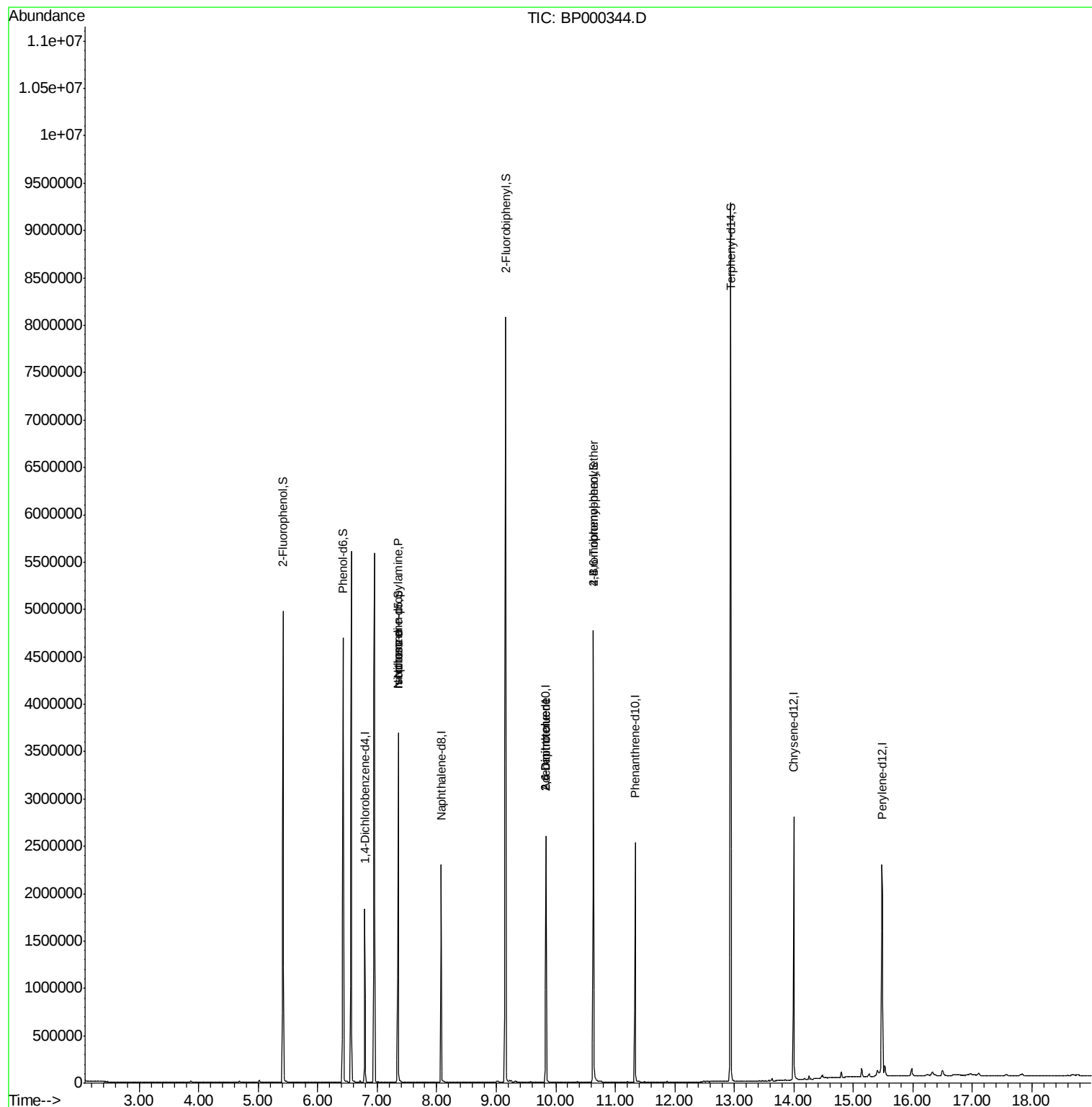
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	260881	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	955720	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	538656	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	940675	20.00	ng	0.00
76) Chrysene-d12	14.00	240	870949	20.00	ng	0.00
87) Perylene-d12	15.48	264	1032628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1664276	110.13	ng	0.02
7) Phenol-d6	6.43	99	2071551	111.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	1186085	80.07	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	694540	130.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2710708	90.57	ng	0.00
79) Terphenyl-d14	12.94	244	3428686	82.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	35137	Below Cal		Qvalue 84
19) n-Nitroso-di-n-propylamine	7.35	70	148684	15.181 ng	#	75
25) Isophorone	7.35	82	1185098	40.404 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	70487	8.735 ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	70612	6.694 ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	47208	4.438 ng	#	1
69) Atrazine	11.27	200	22	Below Cal		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000344.D
Acq On : 20 Sep 2019 09:52
Operator : HP/JU
Sample : PB123227BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 15:35:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



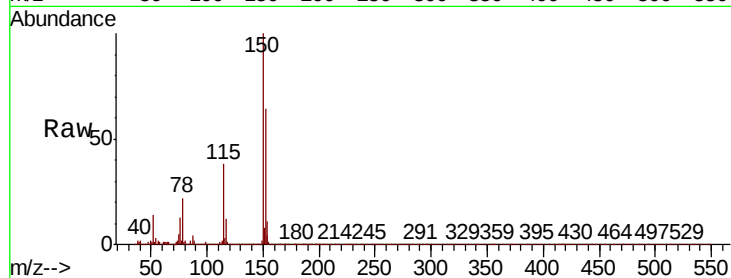


#1

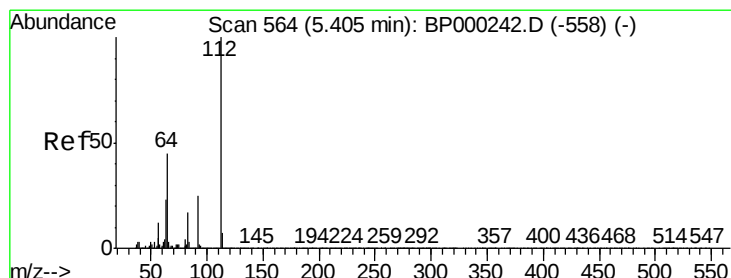
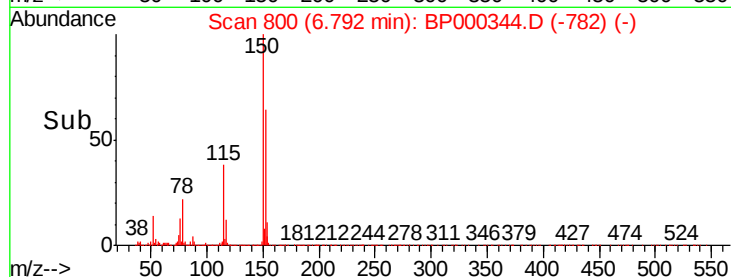
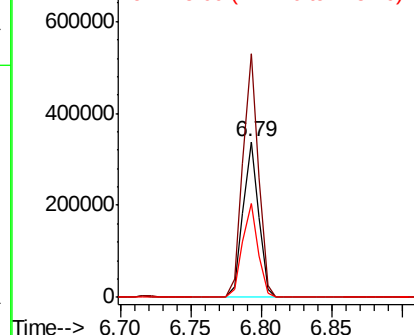
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 260881
Ion Ratio Lower Upper
152 100
150 156.7 125.2 187.8
115 60.1 49.7 74.5



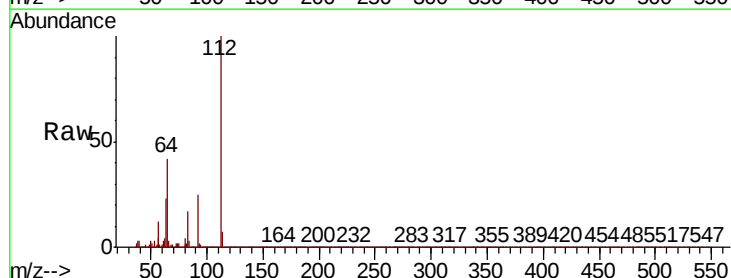
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



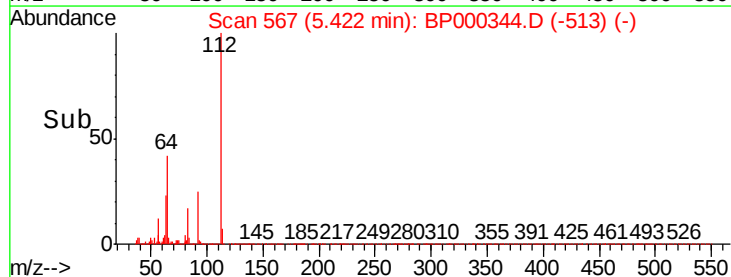
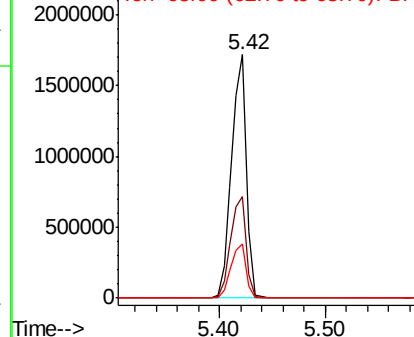
#5

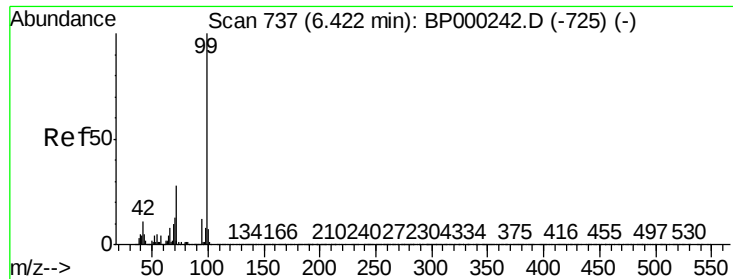
2-Fluorophenol
Concen: 110.132 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Tgt Ion:112 Resp: 1664276
Ion Ratio Lower Upper
112 100
64 41.7 36.2 54.4
63 22.5 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.832 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

Instrument :

BNA_M

ClientSampleId :

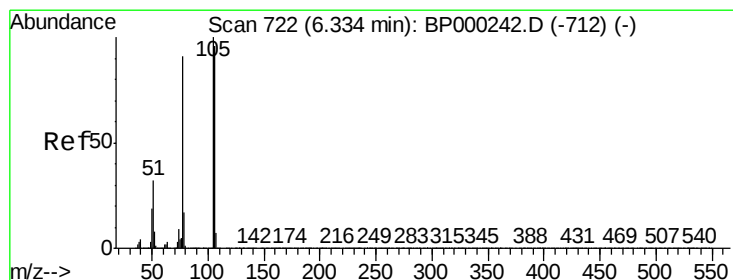
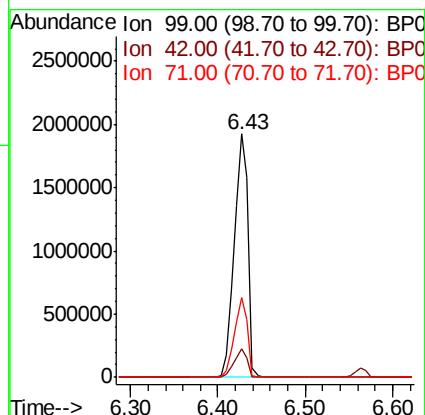
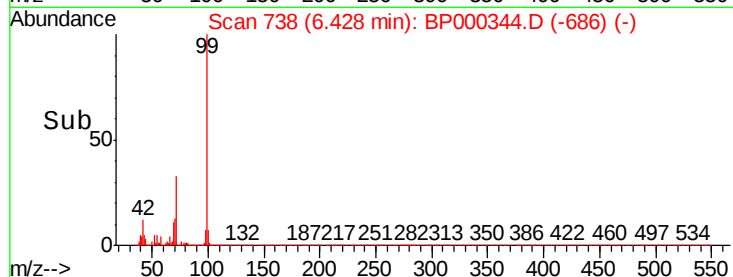
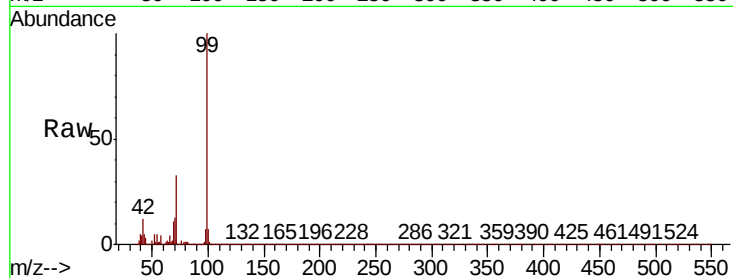
Tot Ion: 99 Resp: 2071551

Ion Ratio Lower Upper

99 100

42 11.5 8.5 12.7

71 32.6 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.56 min Scan# 761

Delta R.T. 0.23 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

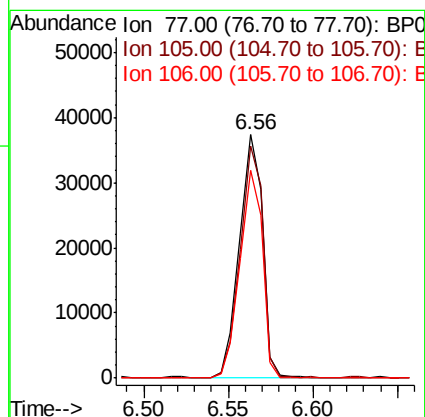
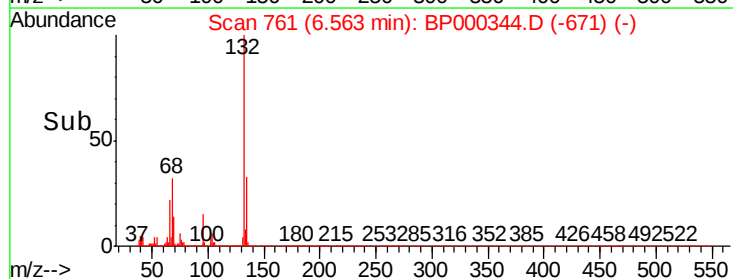
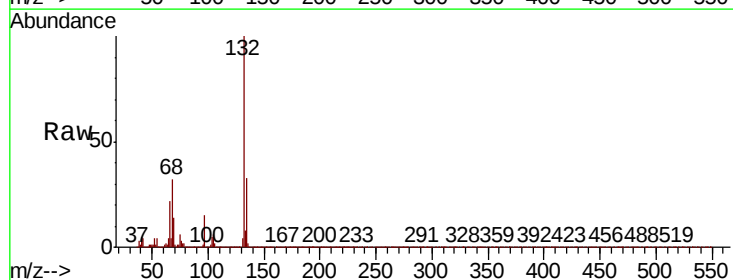
Tgt Ion: 77 Resp: 35137

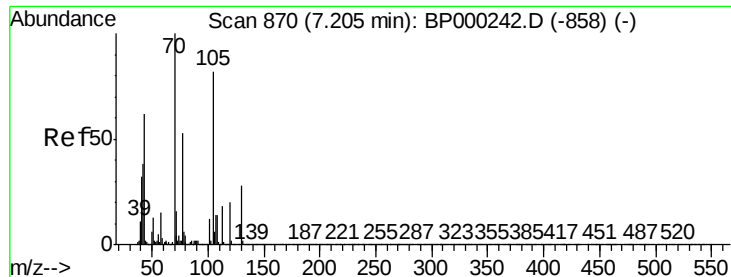
Ion Ratio Lower Upper

77 100

105 95.4 89.6 129.6

106 85.1 84.6 124.6

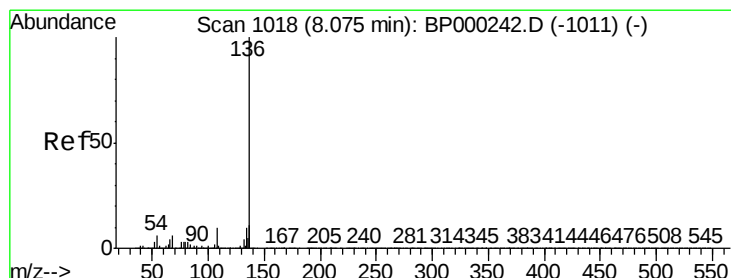
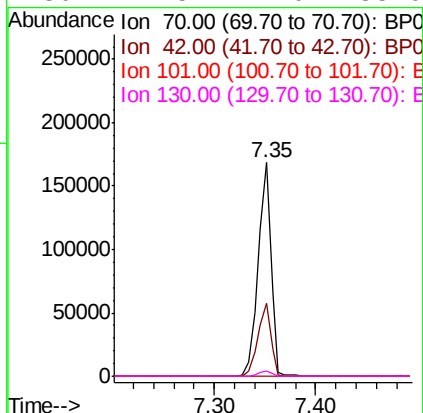
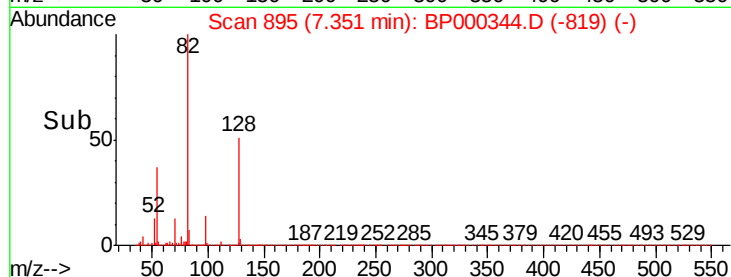
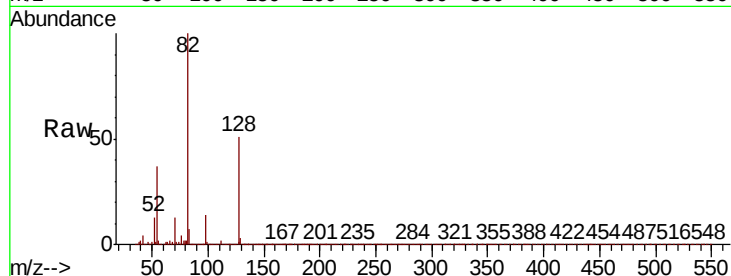




#19
n-Nitroso-di-n-propylamine
Concen: 15.181 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

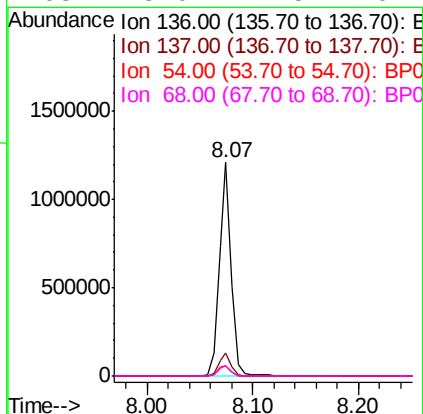
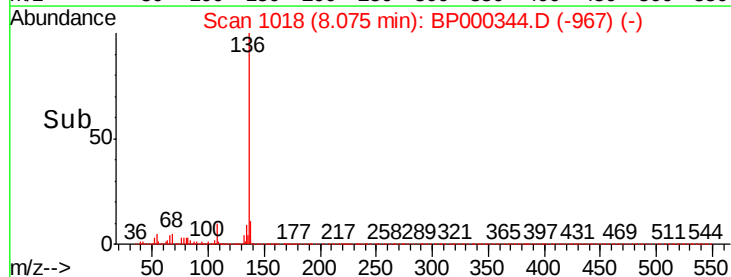
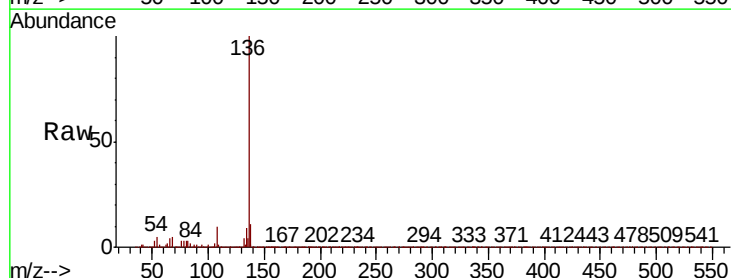
Instrument :
BNA_M
ClientSampleId :

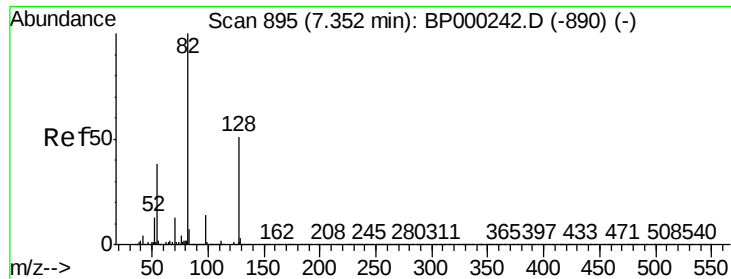
Tot Ion: 70 Resp: 148684
Ion Ratio Lower Upper
70 100
42 34.1 30.7 46.1
101 0.0 9.6 14.4#
130 2.5 22.0 33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Tgt Ion:136 Resp: 955720
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.1 4.5 6.7
68 5.0 4.5 6.7

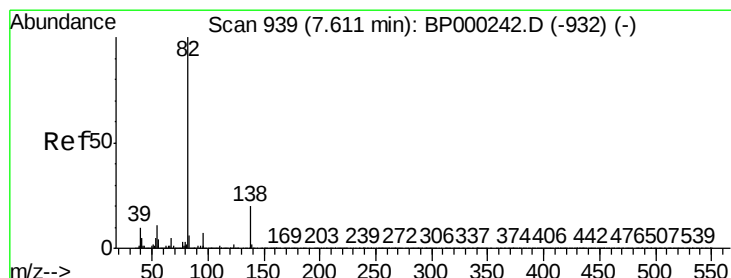
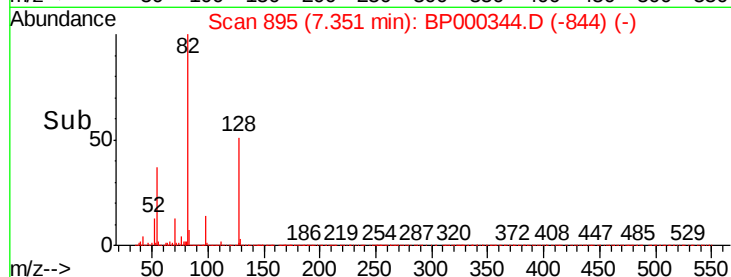
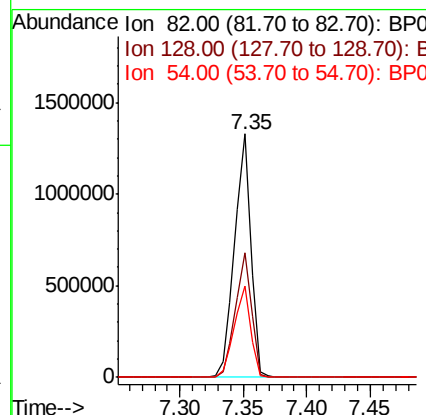
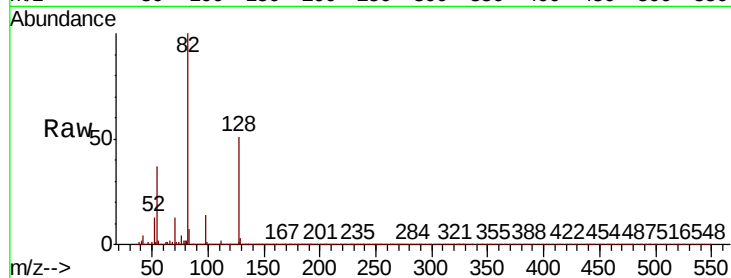




#23
 Nitrobenzene-d5
 Concen: 80.071 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000344.D
 Acq: 20 Sep 2019 09:52

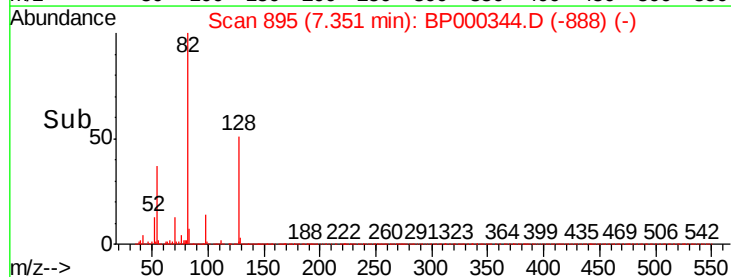
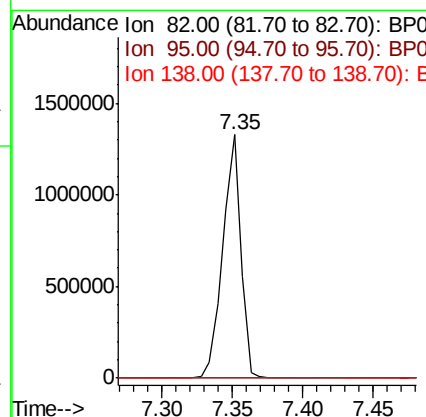
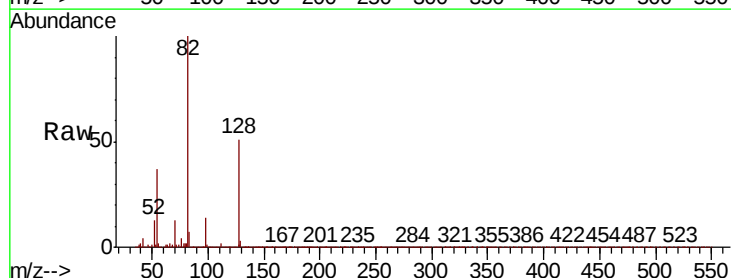
Instrument :
 BNA_M
 ClientSampleId :

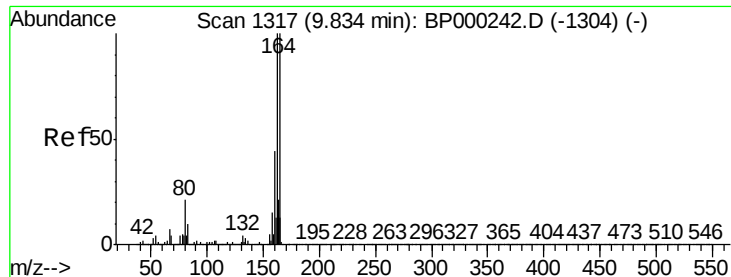
Tot Ion: 82 Resp: 1186085
 Ion Ratio Lower Upper
 82 100
 128 50.9 40.7 61.1
 54 37.4 30.1 45.1



#25
 Isophorone
 Concen: 40.404 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BP000344.D
 Acq: 20 Sep 2019 09:52

Tgt Ion: 82 Resp: 1185098
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.9 8.9#
 138 0.0 15.9 23.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

Instrument :

BNA_M

ClientSampleId :

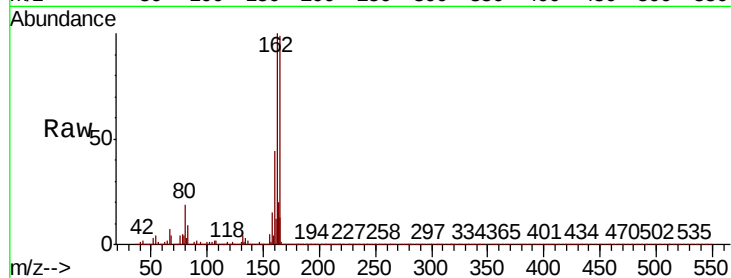
Tot Ion:164 Resp: 538656

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	44.6	35.6	53.4

164 100

162 101.4 79.9 119.9

160 44.6 35.6 53.4

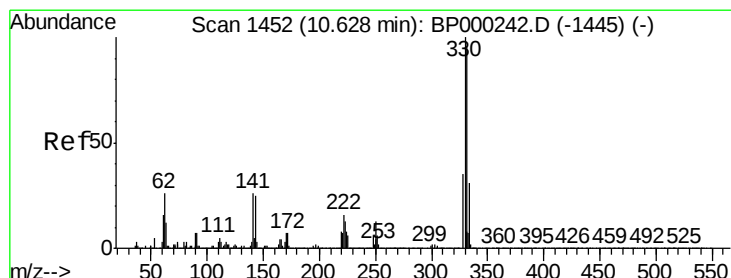
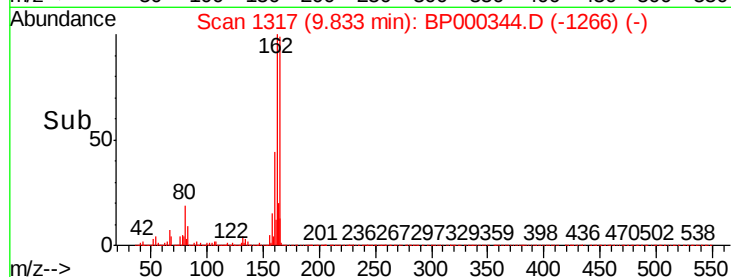
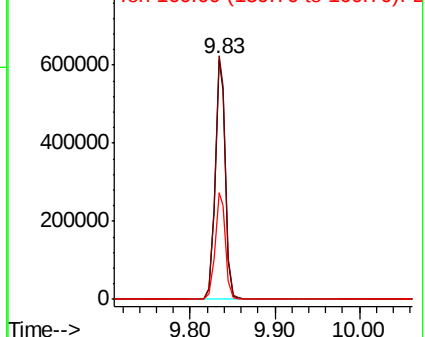


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 129.997 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

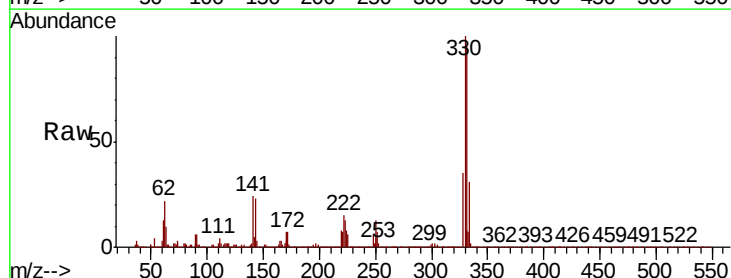
Tgt Ion:330 Resp: 694540

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	29.9	26.5	39.7

330 100

332 95.1 76.6 115.0

141 29.9 26.5 39.7

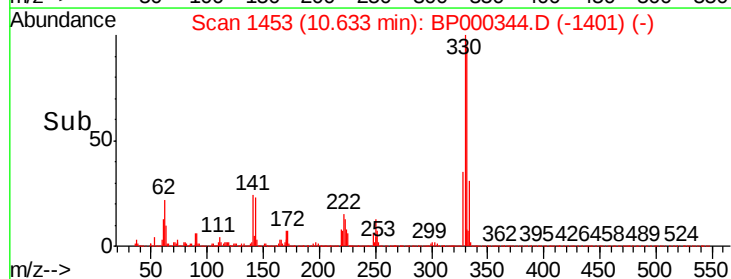
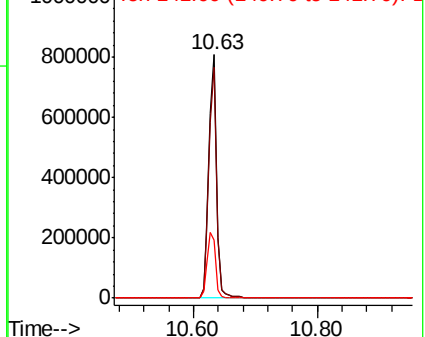


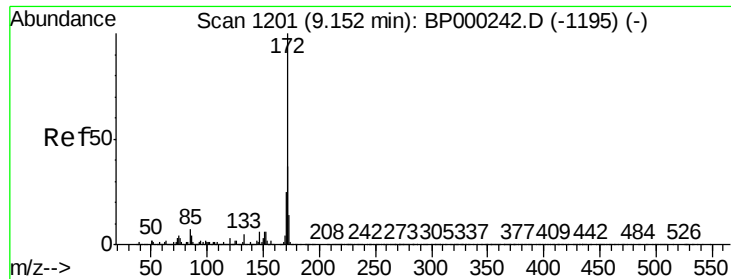
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

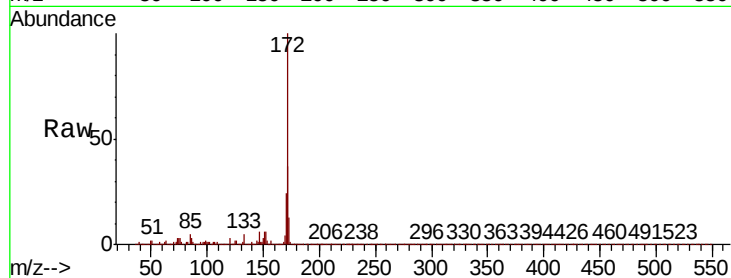




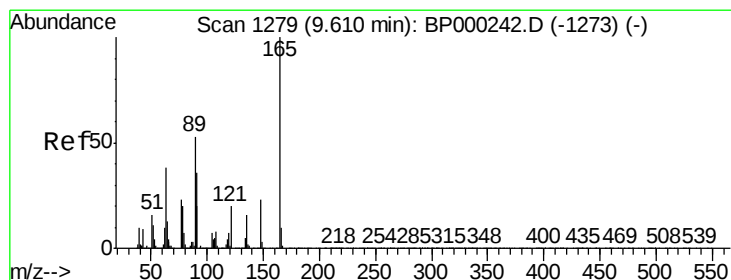
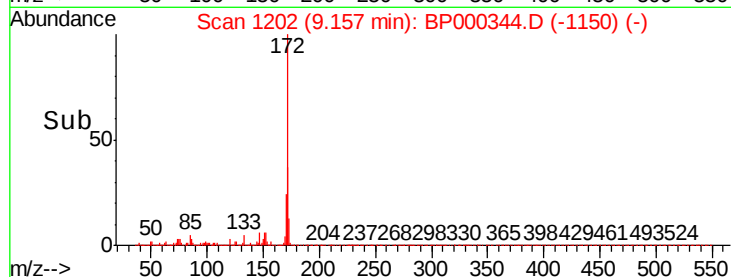
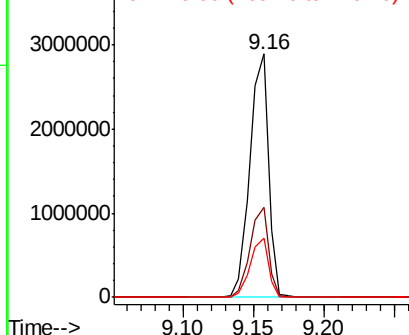
#45
2-Fluorobiphenyl
Concen: 90.573 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2710708
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.4 19.8 29.6

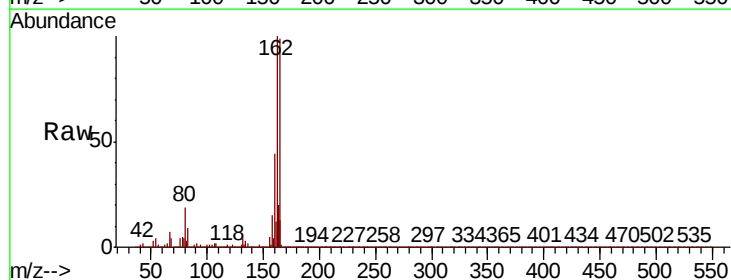


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

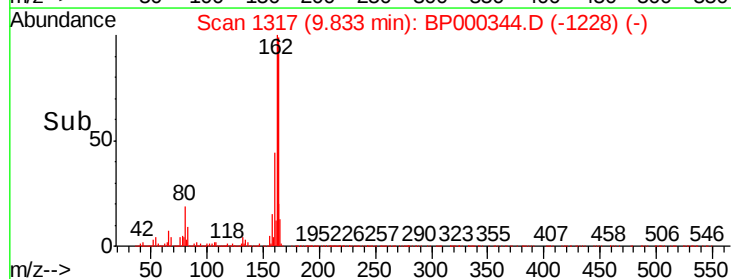
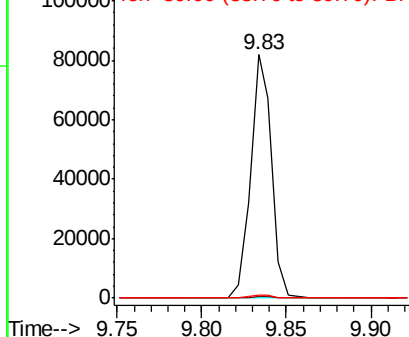


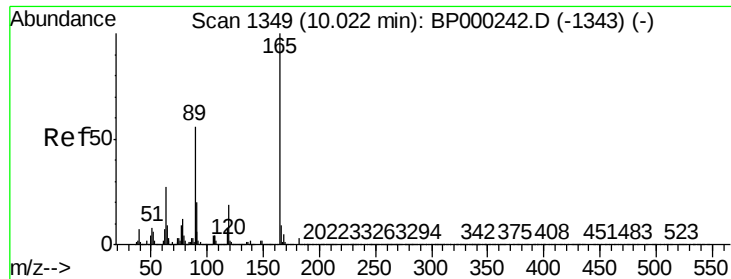
#51
2,6-Dinitrotoluene
Concen: 8.735 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Tgt Ion:165 Resp: 70487
Ion Ratio Lower Upper
165 100
63 0.9 35.8 53.8#
89 1.1 42.6 63.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

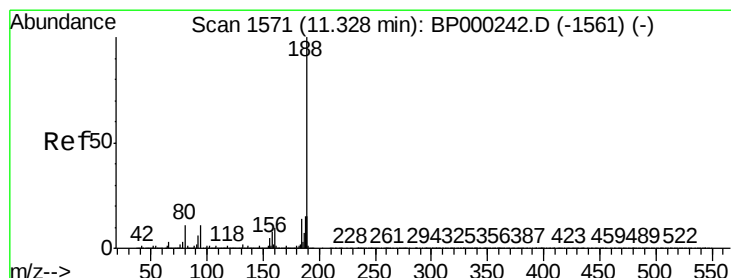
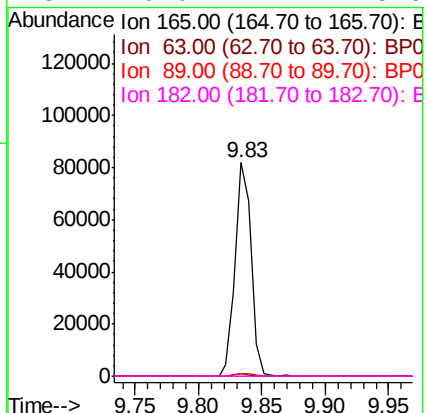
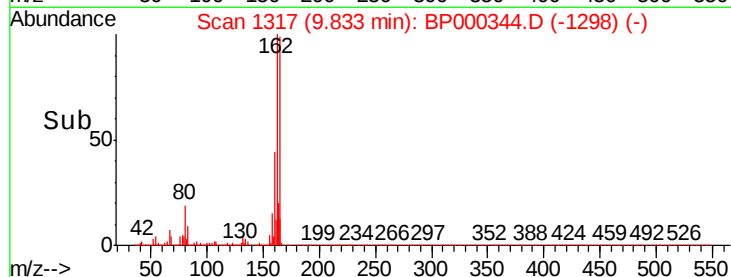
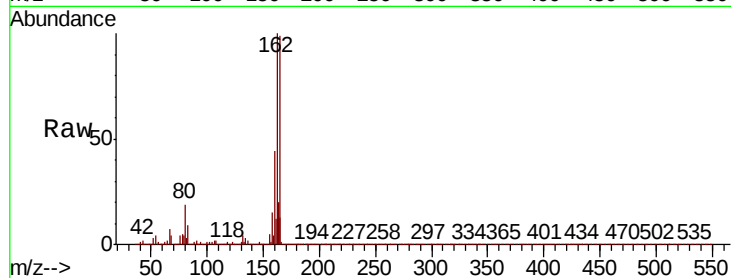




#57
2,4-Dinitrotoluene
Concen: 6.694 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

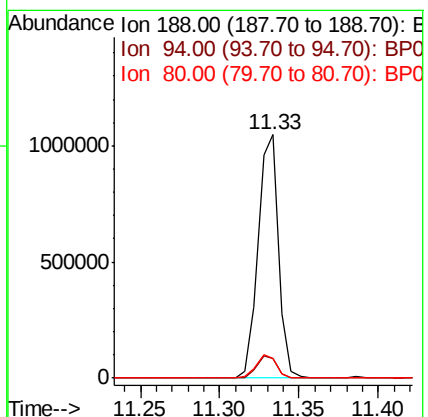
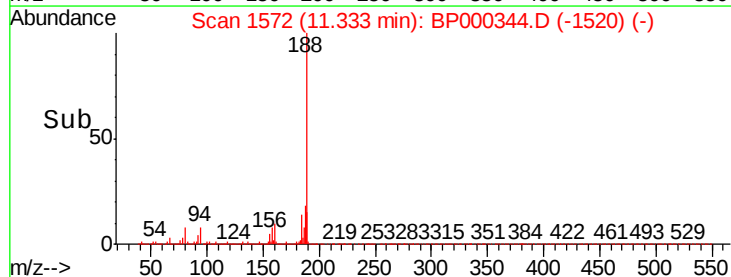
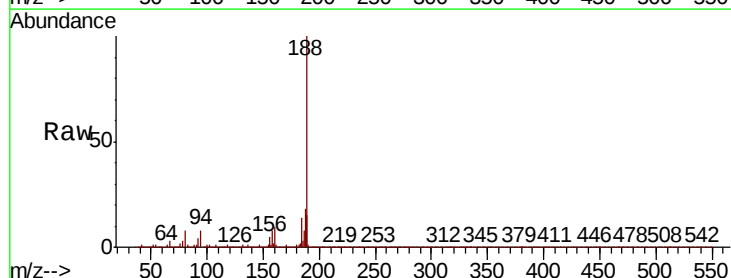
Instrument :
BNA_M
ClientSampleId :

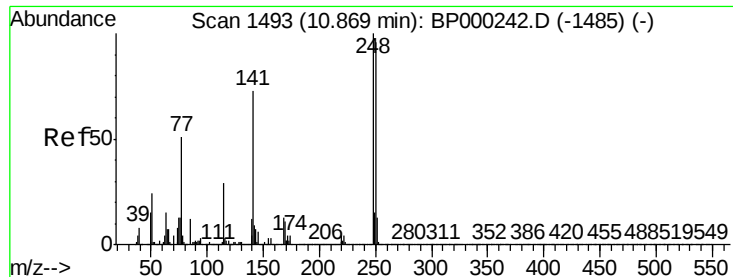
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	21.7	32.5#
89	1.1	45.0	67.6#
182	0.0	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.1	8.6	13.0#

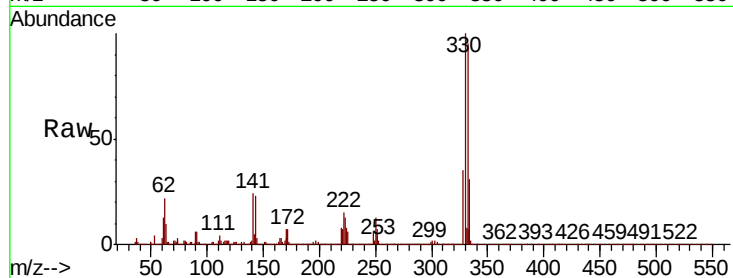




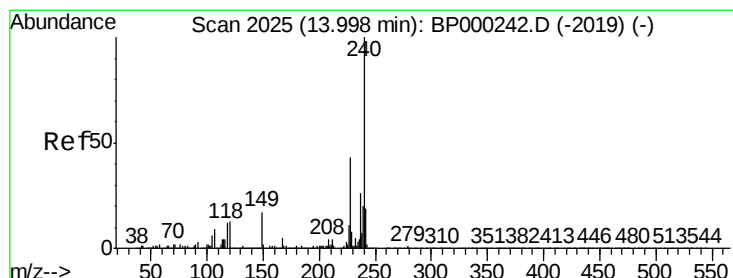
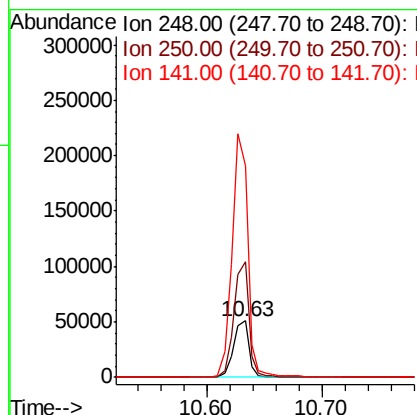
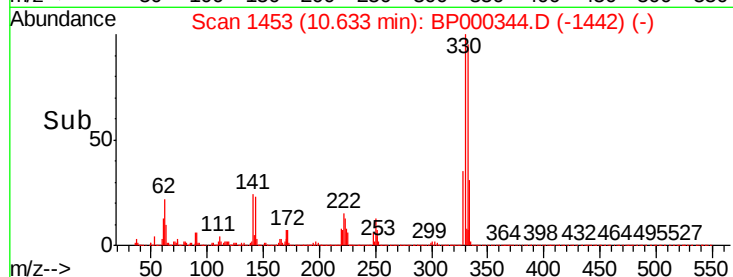
#67
4-Bromophenyl-phenylether
Concen: 4.438 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 47208
Ion Ratio Lower Upper
248 100
250 204.0 77.0 115.4#
141 374.6 58.5 87.7#

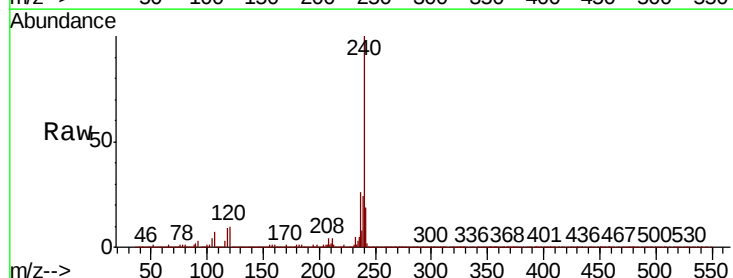


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

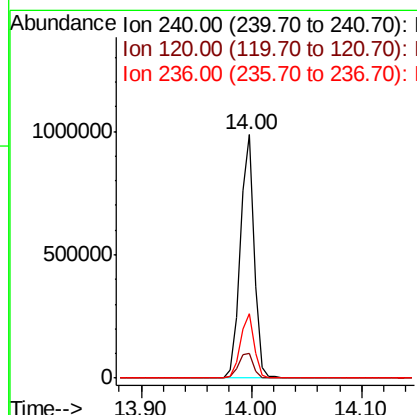
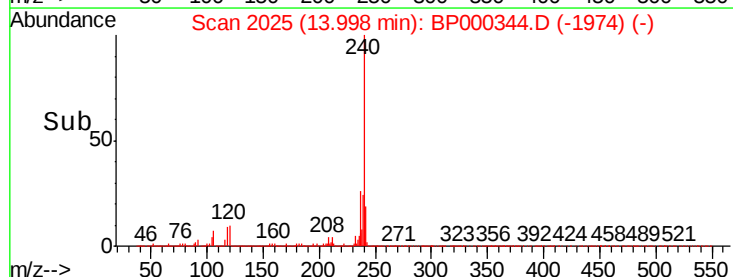


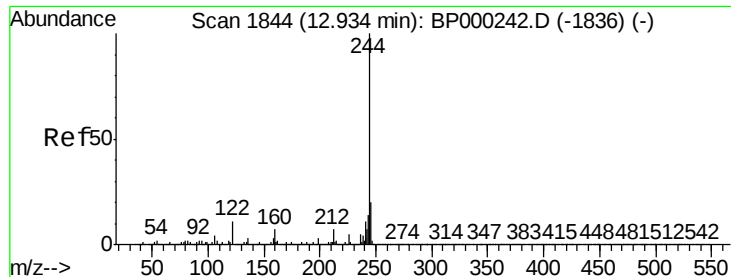
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Tgt Ion:240 Resp: 870949
Ion Ratio Lower Upper
240 100
120 10.0 10.4 15.6#
236 26.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

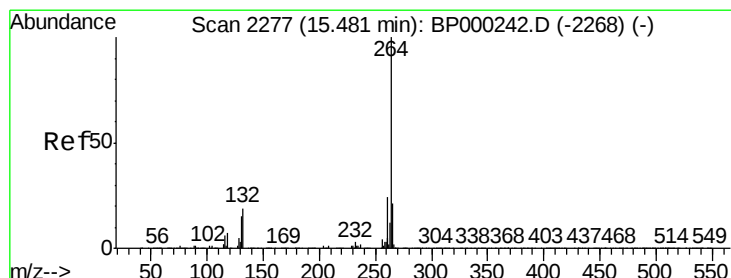
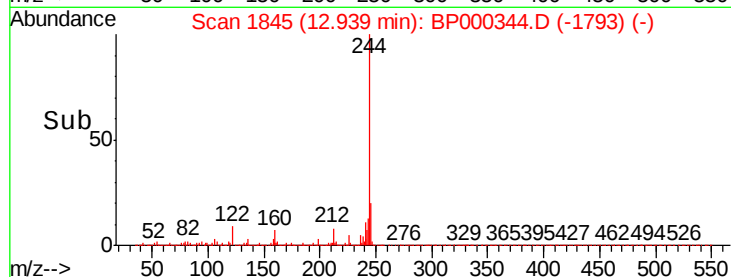
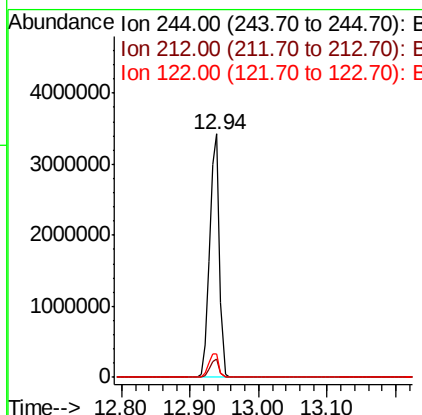
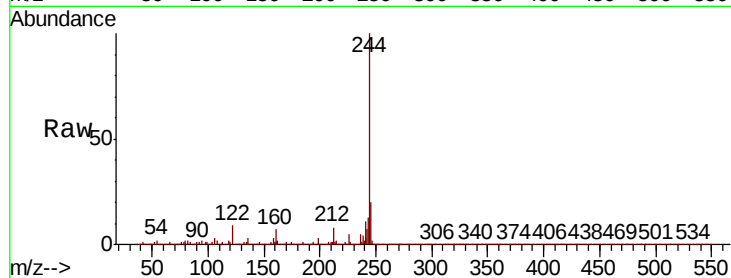




#79
 Terphenyl-d14
 Concen: 82.586 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000344.D
 Acq: 20 Sep 2019 09:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3428686
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.5 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BP000344.D
 Acq: 20 Sep 2019 09:52

Tgt Ion:264 Resp: 1032628
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.7 17.2 25.8

